

ABSTRACT OF THE DISCLOSURE

The present invention provides a method and apparatus for implementation of an input/output stream operator in a dynamically typed language. This operator is built into the language, and allows a value of one type to be streamed to a value of another type by taking the form fromvalue \rightarrow tovalue. Since the programming language is dynamic, the type of values on either side of the \rightarrow operator is of any supported type, and can be modified depending upon the type of operands. For example, a value of any type can be streamed to a value of type "stream". In this instance, the destination value is attached to, for example, a device such as a terminal or disk drive. A value of type "stream" can also be streamed into a value of any type. In this instance an external source is inputted, for example, into a program.